

MULTIPLE ZONE AUTOMATIC HVAC CONTROL SYSTEM AND METHOD**ABSTRACT OF THE DISCLOSURE**

A multiple zone electronic control system and method are provided to control a heating, ventilation and air conditioning (HVAC) system for a vehicle. The control system includes a plurality of sensors to provide inputs relating to multiple zones of an occupant compartment of the vehicle and a plurality of buttons to provide manual inputs relating to the multiple zones. The control system also includes a plurality of mechanisms to control temperature and flow of air from the HVAC system into the multiple zones. The control system further includes a controller electrically connected to the sensors and the buttons to receive the inputs therefrom and electrically connected to the mechanisms to control the temperature and flow of air into each of the multiple zones.